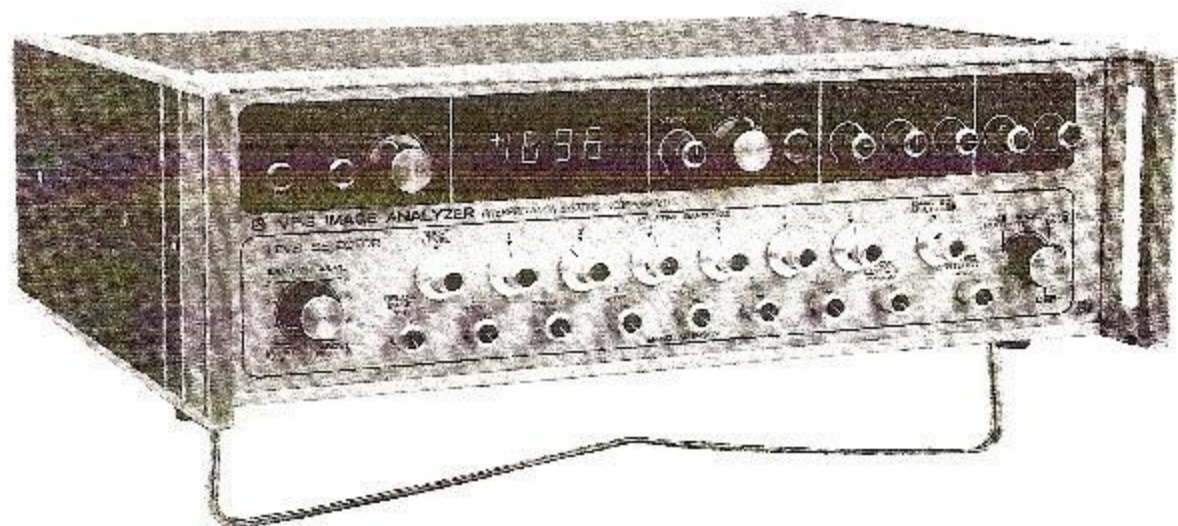


# VP-8

IMAGE ANALYZER

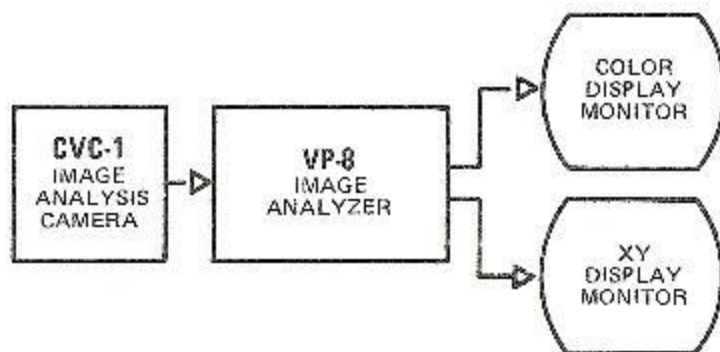


The VP-8 Image Analyzer is the key element in ISI's single channel image enhancement and analysis systems. This versatile instrument operates on a video image input and converts the image data to new display formats for improved visual image interpretation and classification. In addition, the unit allows many quantitative measurements to be taken from the image data.

Applications for the VP-8 exist wherever image analysis is needed. Visible spectrum photography, radar imagery, special and industrial x-ray photography, and infrared thermography can all be analyzed using off-line or real time closed circuit systems.

The capabilities of the VP-8 are varied and include isodensity contouring, image density measurement, signal level monitoring, 3D display, color and monochrome presentation, and computer compatibility. A more detailed description of capabilities is contained in the specifications list which follows.

A typical image analysis system using the VP-8 is shown below. The input device in this system is a CCTV camera, although other video sources, such as video disc files, scan converters, and high speed video refresh memory could be used. Output display devices include color and monochrome monitors and large screen X-Y displays.



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